

- 1 AVIATION ACCIDENT ANALYSIS
Overview
The project presents an analysis of global aviation accidents and incidents recorded between 2010 and 2020. The project objectives are to identify key factors contributing to safety, and to reveal common patterns across types, regions, and flight conditions.
- 2 Critical questions
What are the major causes and contributing factors behind aviation accidents?
What are the Accident frequencies and severities?
Which aircraft models and make demonstrate the lowest operational risk?
How do environmental, technical, and human factors influence safety outcomes?
- 3 Business Understanding
Stakeholder
The primary stakeholders for this project are the head of the new product division, and the board of the company.
Key Business Questions
What are the most common causes of aviation accidents?
What factors contribute most significantly to their severity?
- 4 Data Understanding and Analysis
For this project, you will use data cleaning, inspection, analysis, and visualization to generate insights for business stakeholders.

Critical questions

- What are the major causes and contributing factors behind aviation accidents?
- What are the Accident frequencies and severities?
- Which aircraft models and make demonstrate the **lowest operational risk**?
- How do environmental, technical, and human factors influence safety outcomes?



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